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AUTOMATED INTERACTIVE SIMULATION MODEL (AISIM) VAX  
VERSION 50 VERSION DES. (U) HUGHES AIRCRAFT CO  
FULLERTON CA GROUND SYSTEMS GROUP 5 SHEET 15 MAY 87  
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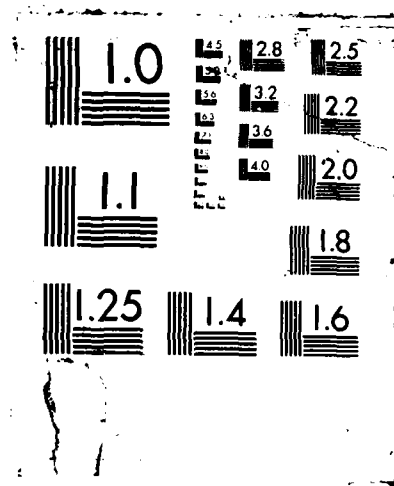
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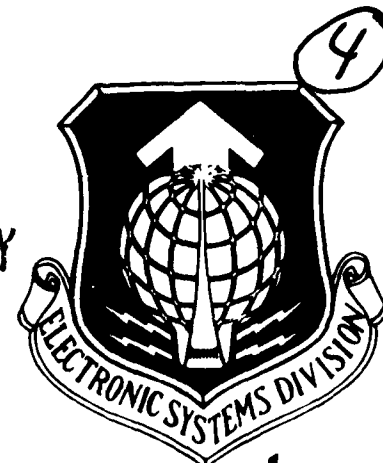
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Automated Interactive Simulation Model (AISIM)  
VAX Version 5.0 Version Description Document



SUSAN SWEET

Hughes Aircraft Company  
Ground Systems Group  
P.O. Box 3310  
Fullerton, CA 92634

15 May 1987

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Prepared For

ELECTRONIC SYSTEMS DIVISION  
AIR FORCE SYSTEMS COMMAND  
DEPUTY FOR DEVELOPMENT PLANS AND SUPPORT SYSTEMS  
HANSCOM AIR FORCE BASE, MASSACHUSETTS 01731

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This technical report has been reviewed and is approved for publication.

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VERSION DESCRIPTION DOCUMENT  
COMPUTER PROGRAM

CPCI Nomenclature: Automated Interactive Simulation Model (AISIM)

Contract Number: F19628-86-C-0070

Version Number: 5.0

This document describes the version 5.0 release of AISIM.

1. INVENTORY OF ITEMS RELEASED

1.1 Documents Released

- a. Automated Interactive Simulation Model (AISIM) VAX Version 5.0 User's Manual -- 1854895-2
- b. Automated Interactive Simulation Model (AISIM) VAX Version 5.0 Training Manual -- 1854896-2
- c. Automated Interactive Simulation Model (AISIM) VAX Version 5.0 Computer Program Product Specification -- PG11442 Rev. B

1.2 Products Released

<u>CPCI PRODUCT</u>	<u>IDENTIFICATION</u>
a. Automated Interactive Simulation Model (AISIM) VAX Version 5.0-source listing	1854894-2 (CDMO only)
b. Automated Interactive Simulation Model (AISIM) VAX Version 5.0-source/executable Tape  1600 BPI, 9 Track	1854893-2

Following is a list of the files on this tape.

Listing of save set(s)

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UIC: [000066,000101]  
Date: 13-MAY-1987 17:32:36.18

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 [SKNEE2.AISIM.DBFETC50]\*.\*,  
 [SKNEE2.AISIM.EXE50]\*.\*,  
 [SKNEE2.AISIM.TEST50]\*.\*,  
 [SKNEE2.AISIM.SOURCE50]\*.\*,  
 [SKNEE2.AISIM.SOURCE50.INCLUDES]\*.\*,  
 [SKNEE2.AISIM.OBJ50]\*.\*,  
 [SKNEE2.AISIM.SYSGEN50]\*.\*  
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 BACKUP version: V4.5  
 CPU ID register: 0138363D  
 Node name: \_SDS13::  
 Written on: \_\$3\$MUA1:  
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[SKNEE2.AISIM.SOURCE50] PLOT.TLB;3	174	14-APR-1987	09:52
[SKNEE2.AISIM.SOURCE50] POSTPLOT.TLB;3	58	14-APR-1987	09:52
[SKNEE2.AISIM.SOURCE50] PREAMBLE.TLB;4	161	18-APR-1987	17:30
[SKNEE2.AISIM.SOURCE50] PRECHKIN.TLB;4	19	14-APR-1987	09:52
[SKNEE2.AISIM.SOURCE50] PREMERGIN.TLB;4	84	18-APR-1987	16:33
[SKNEE2.AISIM.SOURCE50] PRIMS.TLB;3	237	14-APR-1987	09:52
[SKNEE2.AISIM.SOURCE50] PROFILES.TLB;4	74	18-APR-1987	16:33
[SKNEE2.AISIM.SOURCE50] REPLOT.TLB;4	95	18-APR-1987	16:32
[SKNEE2.AISIM.SOURCE50] REPORT.TLB;4	139	18-APR-1987	16:32
[SKNEE2.AISIM.SOURCE50] SIM.TLB;5	489	18-APR-1987	17:31
[SKNEE2.AISIM.SOURCE50] SYMBOL40.DAT;1	5	6-FEB-1987	21:35
[SKNEE2.AISIM.SOURCE50] SYMTAB.INC;1	3	20-APR-1987	18:57

[SKNEE2.AISIM.SOURCE50]TMLIB.TLB;4	449	20-APR-1987	18:45
[SKNEE2.AISIM.SOURCE50]USERINT.TLB;4	200	18-APR-1987	16:31
[SKNEE2.AISIM.SOURCE50]XLATLIB.TLB;3	83	14-APR-1987	09:53
[SKNEE2.AISIM.SOURCE50.INCLUDES]ANALYZ.FOR;1	22	13-APR-1987	17:00
[SKNEE2.AISIM.SOURCE50.INCLUDES]ANFMTY.FOR;1	3	13-APR-1987	17:01
[SKNEE2.AISIM.SOURCE50.INCLUDES]ARCHIT.FOR;1	29	13-APR-1987	17:01
[SKNEE2.AISIM.SOURCE50.INCLUDES]BP00L.FOR;1	7	13-APR-1987	17:01
[SKNEE2.AISIM.SOURCE50.INCLUDES]CLINIT.FOR;1	5	13-APR-1987	17:02
[SKNEE2.AISIM.SOURCE50.INCLUDES]DESIGN.FOR;1	18	13-APR-1987	17:02
[SKNEE2.AISIM.SOURCE50.INCLUDES]DIRECT.FOR;1	3	13-APR-1987	17:03
[SKNEE2.AISIM.SOURCE50.INCLUDES]ERRPOS.FOR;1	7	13-APR-1987	17:03
[SKNEE2.AISIM.SOURCE50.INCLUDES]FORM.FOR;3	44	25-APR-1987	08:53
[SKNEE2.AISIM.SOURCE50.INCLUDES]FRMTYP.FOR;1	7	13-APR-1987	17:04
[SKNEE2.AISIM.SOURCE50.INCLUDES]HEINC.FOR;1	13	13-APR-1987	17:04
[SKNEE2.AISIM.SOURCE50.INCLUDES]POPINC.FOR;1	5	13-APR-1987	17:05
[SKNEE2.AISIM.SOURCE50.INCLUDES]READFL.FOR;2	5	16-APR-1987	11:39
[SKNEE2.AISIM.SOURCE50.INCLUDES]STATES.FOR;1	4	13-APR-1987	17:05
[SKNEE2.AISIM.SOURCE50.INCLUDES]SYMTAB.INC;1	3	20-APR-1987	18:57
[SKNEE2.AISIM.SOURCE50.INCLUDES]TMSEQS.FOR;2	51	20-APR-1987	18:13
[SKNEE2.AISIM.OBJ50]ADBMS.OLB;2	650	14-APR-1987	09:53
[SKNEE2.AISIM.OBJ50]ADEDBL.OLB;2	78	14-APR-1987	09:54
[SKNEE2.AISIM.OBJ50]ADELIB.OLB;2	266	14-APR-1987	09:54
[SKNEE2.AISIM.OBJ50]ANLDBLIB.OLB;2	80	14-APR-1987	09:54
[SKNEE2.AISIM.OBJ50]AUILIB.OLB;3	79	14-APR-1987	09:54
[SKNEE2.AISIM.OBJ50]CHECKIN.OLB;2	285	14-APR-1987	09:54
[SKNEE2.AISIM.OBJ50]CHKINFOR.OLB;2	15	14-APR-1987	09:54
[SKNEE2.AISIM.OBJ50]CLILIB.OLB;2	41	14-APR-1987	09:54
[SKNEE2.AISIM.OBJ50]CONVC13.OLB;1	329	22-APR-1987	13:13
[SKNEE2.AISIM.OBJ50]CONVC140.OLB;1	397	21-APR-1987	17:38
[SKNEE2.AISIM.OBJ50]CONVXLAT.OLB;3	66	14-APR-1987	09:54
[SKNEE2.AISIM.OBJ50]CONVXLAT3.OLB;1	234	22-APR-1987	12:04
[SKNEE2.AISIM.OBJ50]CONVXLAT40.OLB;1	167	20-APR-1987	18:56
[SKNEE2.AISIM.OBJ50]COSLCT.OLB;3	24	14-APR-1987	09:54
[SKNEE2.AISIM.OBJ50]COXLAT.OLB;3	64	14-APR-1987	09:54
[SKNEE2.AISIM.OBJ50]DBDLIB.OLB;2	24	14-APR-1987	09:54
[SKNEE2.AISIM.OBJ50]DBDMAIN.OBJ;2	2	4-MAR-1987	19:30
[SKNEE2.AISIM.OBJ50]DBIN.OBJ;2	14	4-MAR-1987	19:28
[SKNEE2.AISIM.OBJ50]DBLIB.OLB;2	256	14-APR-1987	09:54
[SKNEE2.AISIM.OBJ50]ODLA.OBJ;2	42	4-MAR-1987	19:29
[SKNEE2.AISIM.OBJ50]DSL1B.OBJ;1	15	15-FEB-1987	10:11
[SKNEE2.AISIM.OBJ50]DUILIB.OLB;3	136	14-APR-1987	09:54
[SKNEE2.AISIM.OBJ50]FLIB.OLB;2	20	14-APR-1987	09:54
[SKNEE2.AISIM.OBJ50]FORMS.OLB;2	190	14-APR-1987	09:54
[SKNEE2.AISIM.OBJ50]FUILIB.OLB;2	55	14-APR-1987	09:54
[SKNEE2.AISIM.OBJ50]GENLISTM.OBJ;2	9	22-APR-1987	14:34
[SKNEE2.AISIM.OBJ50]HCLIB.OLB;2	42	14-APR-1987	09:54
[SKNEE2.AISIM.OBJ50]HEILIB.OLB;2	114	14-APR-1987	09:55

[SKNEE2.AISIM.OBJ50]HEIPOPOPDB.OLB;2	20	14-APR-1987 09:55
[SKNEE2.AISIM.OBJ50]IOLIB.OLB;2	36	14-APR-1987 09:55
[SKNEE2.AISIM.OBJ50]ITRIM.OBJ;1	1	6-MAR-1987 13:48
[SKNEE2.AISIM.OBJ50]LIBMAIN.OBJ;2	1	4-MAR-1987 19:30
[SKNEE2.AISIM.OBJ50]LPTLIB.OLB;2	199	14-APR-1987 09:55
[SKNEE2.AISIM.OBJ50]MAXVADDR.OBJ;1	1	12-FEB-1987 09:34
[SKNEE2.AISIM.OBJ50]MERGEIN.OLB;2	585	14-APR-1987 09:55
[SKNEE2.AISIM.OBJ50]MOSLCT.OLB;3	24	14-APR-1987 09:55
[SKNEE2.AISIM.OBJ50]MOXLAT.OLB;3	61	14-APR-1987 09:55
[SKNEE2.AISIM.OBJ50]OFDLIB.OLB;2	140	14-APR-1987 09:55
[SKNEE2.AISIM.OBJ50]PLOT10.OLB;2	65	14-APR-1987 09:55
[SKNEE2.AISIM.OBJ50]PLOT1.OLB;3	60	14-APR-1987 09:55
[SKNEE2.AISIM.OBJ50]PRECHKIN.OLB;3	14	14-APR-1987 09:55
[SKNEE2.AISIM.OBJ50]PREMERGEIN.OLB;1	54	17-APR-1987 14:00
[SKNEE2.AISIM.OBJ50]PREMERGIN.OLB;4	40	14-APR-1987 09:55
[SKNEE2.AISIM.OBJ50]REPL0T.OLB;4	70	14-APR-1987 09:55
[SKNEE2.AISIM.OBJ50]SAVPLT.OBJ;2	13	20-APR-1987 19:13
[SKNEE2.AISIM.OBJ50]SIMLATOR.OLB;3	1433	18-APR-1987 16:56
[SKNEE2.AISIM.OBJ50]TMLIB.OLB;4	149	14-APR-1987 09:55
[SKNEE2.AISIM.OBJ50]TXTMAIN.OBJ;4	6	25-APR-1987 09:24
[SKNEE2.AISIM.OBJ50]WRTDFS.OBJ;2	8	20-APR-1987 19:13
[SKNEE2.AISIM.OBJ50]XLATLIB.OLB;4	77	14-APR-1987 09:55
[SKNEE2.AISIM.SYSGEN50]AISMAC.COM;19	5	13-APR-1987 09:44
[SKNEE2.AISIM.SYSGEN50]AISMAINT.COM;36	22	17-APR-1987 09:51
[SKNEE2.AISIM.SYSGEN50]ALLOCDDB.COM;21	7	27-FEB-1987 16:56
[SKNEE2.AISIM.SYSGEN50]ALLOCDDBH.COM;5	7	18-MAR-1987 14:52
[SKNEE2.AISIM.SYSGEN50]ALLOCDDBL.COM;20	6	27-FEB-1987 16:57
[SKNEE2.AISIM.SYSGEN50]ALLOCDPLT.COM;16	6	27-FEB-1987 16:57
[SKNEE2.AISIM.SYSGEN50]COMPAUI.COM;35	7	13-APR-1987 10:00
[SKNEE2.AISIM.SYSGEN50]COMPCI.COM;2	66	13-APR-1987 10:00
[SKNEE2.AISIM.SYSGEN50]COMPCONV3.COM;5	7	22-APR-1987 12:07
[SKNEE2.AISIM.SYSGEN50]COMPCONV40.COM;3	7	13-APR-1987 10:03
[SKNEE2.AISIM.SYSGEN50]COMPCONX3.COM;2	7	22-APR-1987 10:49
[SKNEE2.AISIM.SYSGEN50]COMPFDR.COM;21	6	13-APR-1987 10:03
[SKNEE2.AISIM.SYSGEN50]COMPGEN.COM;9	4	14-APR-1987 08:27
[SKNEE2.AISIM.SYSGEN50]COMPMAN.COM;21	5	13-APR-1987 10:04
[SKNEE2.AISIM.SYSGEN50]COMPMI.COM;25	6	13-APR-1987 10:04
[SKNEE2.AISIM.SYSGEN50]COMPSIM.COM;21	6	13-APR-1987 10:05
[SKNEE2.AISIM.SYSGEN50]DBD.EXE;4	139	25-APR-1987 09:43
[SKNEE2.AISIM.SYSGEN50]DBIN.EXE;5	26	25-APR-1987 09:43
[SKNEE2.AISIM.SYSGEN50]DBINIT.COM;9	5	27-FEB-1987 17:33
[SKNEE2.AISIM.SYSGEN50]DBL.EXE;4	81	25-APR-1987 10:19
[SKNEE2.AISIM.SYSGEN50]DBSM.COM;9	4	22-SEP-1984 11:11
[SKNEE2.AISIM.SYSGEN50]DDLX.EXE;4	55	25-APR-1987 10:19
[SKNEE2.AISIM.SYSGEN50]DELMEM.COM;6	3	22-SEP-1984 11:11
[SKNEE2.AISIM.SYSGEN50]GETMEM.COM;8	4	27-FEB-1987 17:34
[SKNEE2.AISIM.SYSGEN50]HEIPOP.EXE;4	60	25-APR-1987 10:06

[SKNEE2.AISIM.SYSGEN50]LINKAUI.COM;55	7	13-APR-1987	10:07
[SKNEE2.AISIM.SYSGEN50]LINKBEEP.COM;7	4	13-APR-1987	10:07
[SKNEE2.AISIM.SYSGEN50]LINKCI.COM;40	6	13-APR-1987	10:08
[SKNEE2.AISIM.SYSGEN50]LINKCONC3.COM;5	6	22-APR-1987	13:15
[SKNEE2.AISIM.SYSGEN50]LINKCONC4.COM;5	6	21-APR-1987	17:51
[SKNEE2.AISIM.SYSGEN50]LINKCONX3.COM;4	5	22-APR-1987	11:36
[SKNEE2.AISIM.SYSGEN50]LINKCONX4.COM;2	5	22-APR-1987	11:39
[SKNEE2.AISIM.SYSGEN50]LINKCOS.COM;21	4	13-APR-1987	10:14
[SKNEE2.AISIM.SYSGEN50]LINKCOX.COM;20	5	13-APR-1987	10:11
[SKNEE2.AISIM.SYSGEN50]LINKDBD.COM;32	4	13-APR-1987	10:15
[SKNEE2.AISIM.SYSGEN50]LINKDBIN.COM;30	3	13-APR-1987	10:16
[SKNEE2.AISIM.SYSGEN50]LINKDBL.COM;17	4	13-APR-1987	10:16
[SKNEE2.AISIM.SYSGEN50]LINKDBSM.COM;16	3	13-APR-1987	10:17
[SKNEE2.AISIM.SYSGEN50]LINKDDLA.COM;17	3	13-APR-1987	10:17
[SKNEE2.AISIM.SYSGEN50]LINKDUI.COM;42	5	23-APR-1987	14:45
[SKNEE2.AISIM.SYSGEN50]LINKFUI.COM;17	4	13-APR-1987	10:20
[SKNEE2.AISIM.SYSGEN50]LINKGEN.COM;10	5	13-APR-1987	10:20
[SKNEE2.AISIM.SYSGEN50]LINKHC.COM;20	5	13-APR-1987	10:21
[SKNEE2.AISIM.SYSGEN50]LINKHE.COM;9	4	21-APR-1987	14:04
[SKNEE2.AISIM.SYSGEN50]LINKLIB.COM;5	4	15-APR-1987	10:17
[SKNEE2.AISIM.SYSGEN50]LINKMI.COM;34	6	13-APR-1987	10:21
[SKNEE2.AISIM.SYSGEN50]LINKMOS.COM;16	4	13-APR-1987	10:22
[SKNEE2.AISIM.SYSGEN50]LINKMOX.COM;17	5	13-APR-1987	10:23
[SKNEE2.AISIM.SYSGEN50]LINKPCI.COM;14	4	13-APR-1987	10:23
[SKNEE2.AISIM.SYSGEN50]LINKPMI.COM;22	4	15-APR-1987	15:19
[SKNEE2.AISIM.SYSGEN50]LINKPOP.COM;9	4	17-APR-1987	08:35
[SKNEE2.AISIM.SYSGEN50]LINKRDY.COM;4	4	15-APR-1987	15:25
[SKNEE2.AISIM.SYSGEN50]LINKRPLT.COM;22	5	13-APR-1987	10:24
[SKNEE2.AISIM.SYSGEN50]LINKSAVP.COM;11	4	13-APR-1987	10:27
[SKNEE2.AISIM.SYSGEN50]LINKTXT.COM;7	4	17-APR-1987	09:48
[SKNEE2.AISIM.SYSGEN50]LINKWRTD.COM;9	4	13-APR-1987	10:28
[SKNEE2.AISIM.SYSGEN50]LINKXLAT.COM;18	5	13-APR-1987	10:28
[SKNEE2.AISIM.SYSGEN50]LISTMEM.COM;5	3	22-SEP-1984	11:52
[SKNEE2.AISIM.SYSGEN50]LOADAISIM.COM;17	11	12-MAY-1987	09:36
[SKNEE2.AISIM.SYSGEN50]PACKLIB.COM;3	2	22-SEP-1984	11:53
[SKNEE2.AISIM.SYSGEN50]PUTMEM.COM;8	3	15-FEB-1987	13:18

Total of 300 files, 30209 blocks  
End of save set

## 2. CLASS I CHANGES INSTALLED

Not Applicable.

### 3. CLASS II CHANGES INSTALLED

All changes incorporated into AISIM version 5.0 are described in the list of closed PTRs contained in section 4 of this document.

### 4. OPERATIONAL EFFECT OF CHANGE

- PTR 92 - Do not allow the user to copy File entities.
- PTR 95 - Implement automatic Action entity creation.
- PTR 96 - Implement a means to populate the Help data base with AISIM information.
- PTR 97 - Implement the Help Editor Interface and expanded help capability throughout AISIM.
- PTR 98 - Remove double counting of the Test primitive in the simulation report.
- PTR 99 - In the case of a Process called with a wait option, the priority of the called Process is incorrect.
- PTR 100 - Display very small numbers (less than .001) in the output report in scientific notation.
- PTR 101 - Adjust the position of the "EVAL" text in the Eval primitive graphics.
- PTR 102 - Fix the scaling problem in the Replot display that causes the plot to go off of the screen.
- PTR 103 - During editing of an Action primitive, sometimes the COMMENT field is found to have invalid characters. No checking should be done.
- PTR 104 - In the Architecture Editor, commands to change the name and size of nodes fail if the node is off the screen.
- PTR 105 - The command to delete an Action that does not exist causes unnecessary error messages.
- PTR 106 - During the conversion program, if the user does not specify a version for the data base, a message concerning "GTDBVER" is displayed.
- PTR 107 - The header for the output produced by the "lv stream" command is misleading: "current %".

- PTR 108 - The message displayed at the completion of the conversion program should mention that the report file contains a list of all name changes made during the conversion process.
- PTR 109 - The Write primitive does not appear in the Process Editor menu display.
- PTR 110 - Implement the Text insertion enhancement and Comment primitive.
- PTR 111 - Implement the completed period message enhancement.
- PTR 112 - Implement Mergeout enhancements: "list sel" command and disallow duplicate entity selections.
- PTR 113 - Implement the "Bottom" enhancement in the Process Editor.
- PTR 114 - The "define symbol" command does not work when the name of the Resource is provided.
- PTR 115 - Rejected.
- PTR 116 - Modify all command files to refer to version 5.0.
- PTR 117 - Allow 78 external files for the Read and Write primitives instead of 88.
- PTR 118 - Fix the inconsistent use of "version" and "vers" in the FUI command file.
- PTR 119 - During an allocate request, if there is an attempt to move requests from the hold queue to the busy queue, the requests are not moved.
- PTR 120 - Change the output report banner to refer to version 5.0.
- PTR 121 - When the info command is issued in Mergein, each line of information is displayed on line one, making the screen flash.
- PTR 122 - Rename local variable LEND in Stop.Period to avoid routine name conflict.
- PTR 123 - Simscript tracebacks do not stop to ask the user how to proceed.
- PTR 124 - Rewrite message displayed when a .FNM file is missing.
- PTR 125 - Reposition the Text insertion form on the screen.



- PTR 126 - Change references to help data base from normal directory to help directory.
- PTR 127 - Fix "Copy Process" to handle the Eval primitive.
- PTR 128 - Allow the label "BEGIN" in an AISIM model.
- PTR 129 - Add a check for the terminal type to the BATCH command procedure.
- PTR 130 - Clear the screen after a GO command to prevent the end of period message from overwriting previous information such as listval output.
- PTR 131 - Make sure blank lines are included in the output report for the text insertion.
- PTR 132 - Remove the default attribute "COST" from the Resource form.
- PTR 133 - Negative numbers are printed in scientific notation in the output report.
- PTR 134 - Text insertion program fails when there is no data base, such as when the user runs an Analyze session with a notranslate option.
- PTR 135 - Remove duplicate escape sequence from terminal profile file.
- PTR 136 - Correct printing of the year in the output report.
- PTR 137 - Remove 16th attribute from the Resource form.
- PTR 138 - Store copies of original routines for version 3.0 conversion program.
- PTR 139 - Correct description for automatically created File entities.
- PTR 140 - Disable text insertion for Genlist program.
- PTR 141 - Delete Resource is still trying to delete "resource.F".
- PTR 142 - Deassign unit 2 before invoking FUI.
- PTR 143 - Increase the size of the text record from 70 to 71 in the data base.
- PTR 144 - Enable the "edit conv" command at the LIBRARY READY level to edit the conversion output report.
- PTR 145 - Backup, Restore, and Delfile commands should not prompt for the terminal type.

- PTR 146 - Do not ask for buffer if one is already defined.
- PTR 147 - Remove the "COST" attribute from symbol forms.
- PTR 148 - Set production version in command files to 5.0.
- PTR 149 - Change all ".F" to "\_F" in legal path table generation routines.
- PTR 150 - Fix Premargin to handle Comment primitives.
- PTR 151 - Plot command does not correctly handle minimum and maximum y values for non-time-weighted variables.
- PTR 152 - Fix the description of File entities created by the Mergein function.
- PTR 153 - The BATCH command tries to delete a file that is not there, and completes with an error message.
- PTR 154 - Remove extra conversion program messages.
- PTR 155 - Divert "no logical name" message from FUI to dummy file.
- PTR 156 - Mergein places Comment primitive before primitive it is supposed to be after.
- PTR 157 - Implement Hold for Comment primitives in Process editor.
- PTR 158 - Translator writes out two Trace primitives.
- PTR 159 - The comment for the Eval primitive can not be changed or deleted.
- PTR 160 - Move the Eval comment so that it does not interfere with the third line of the expression in the primitive graphics.
- PTR 161 - Rename HE to HEI.
- PTR 162 - Add an arrow to the Comment primitive graphics.
- PTR 163 - Shorten the Comment primitive form field.
- PTR 164 - Fix task that is resumed too soon.
- PTR 165 - Shorten the width of the Comment primitive in the Library data base.
- PTR 166 - The HP terminal type is not handled correctly by the help command at AISIM READY and LIBRARY READY.

PTR 167 - Reposition the menu in the Process Editor for the HP terminal.

## 5. INTERFACE COMPATIBILITY

None.

## 6. ADAPTATION DATA

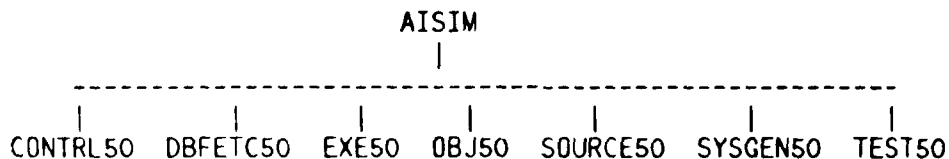
1. The prospective AISIM host must be a VAX 11/780 running the VMS operating system version 4.x with a standard VAX user library.
2. A Simscript II.5 runtime library license must exist for any computer on which AISIM is to be hosted.
3. A Plot10 runtime license must exist for any computer on which AISIM is to be hosted.
4. The account on which the AISIM system is to reside must have a disk quota of at least 30,000 blocks to host the entire system (source, object files, executable files, start data bases, control files, and test data bases). 12,000 blocks is sufficient to host the executable files, data bases, control files, and test data bases.
5. Each user account must have a working set quota of 300 pages and working set extent of 1024 pages.
6. The prospective host must have the Backup utility in order to read the AISIM installation tape.
7. AISIM has a help data base that can be modified by users. In order for all users to be able to modify this data base, it must be placed on a disk where all users have available disk quota if disk quota restrictions have been implemented on the current VAX host. Further instructions on placing the help data base are contained in section 8 of this document.
8. All necessary changes to AISIM control files to access the AISIM host account are automatically made by the installation control file used to load the AISIM files.
9. The file [AISIM.CONTRL50]LOGIN2.COM contains the definition of the "AISIM" symbol which will enable users to execute the AISIM system.

## 7. REFERENCES

None.

## 8. INSTALLATION INSTRUCTIONS

The AISIM installation tape AIS50V was created using the Backup utility. The files on the tape were placed in a save-set called AIS50V.BCK. One file on this tape, LOADAISIM.COM, will perform all necessary commands to install the AISIM system. A specific directory structure must exist for the storage of AISIM files, and this structure is created by LOADAISIM.COM as necessary. Following is a description of that structure.



Each of the branches is a subdirectory in the directory AISIM. Following is a description of each of the directories.

CONTRL50 contains the command procedures used to control an AISIM session.

DBFETC50 contains the start data bases, message files, and the system library.

EXE50 contains the executable load modules for running AISIM.

OBJ50 contains the object files and object libraries.

SOURCE50 contains all of the source files

SYSGEN50 contains the command procedures used to build the AISIM system from source and any executable load modules used for building initial AISIM data bases.

Following is a list of VAX/VMS commands to mount the tape and perform the installation. This procedure should be performed from the directory in which an AISIM directory currently exists, or in which the AISIM directory should be placed. "\$" is the VAX prompt and need not be typed, and "!" and "{}" indicate comments.

```

$ ALLOCATE tape      !command to allocate tape drive ("tape" is a
                     !logical name)
 _xxx: allocated     !message telling which tape drive was allocated
                     !_xxx: is replaced by the name of the tape drive

```

{deliver tape to computer facility.}

\$ MOUNT/FOR/DENS=1600 xxx: AIS50V  
% ... !message indicating mount is completed.

\$ BACKUP/REWIND/LOG xxx:AIS50V.BCK/SELECT=([SKNEE2.AISIM.SYSGEN50] -  
\$\_LOADAISIM.COM) \*.\*

\$ \_LOADAISIM.COM !Start installation procedure.  
!The following messages are displayed:

DO YOU WISH TO LOAD: (1) EXECUTABLES ONLY  
(2) SOURCE AND EXECUTABLES  
(3) SOURCE ONLY

ENTER NUMBER:

!Enter the number corresponding to your selection.  
!The following message is displayed:

ENTER TAPE DRIVE ID (DO NOT INCLUDE :):

!Enter the value for "xxx:" above.  
!As the procedure continues, a couple of files  
!will be modified to access the current account.  
!These changes will be verified on the screen.

\$ DISMOUNT xxx: !Dismount the tape.  
\$ DEALLOC xxx: !Deallocate the tape drive.

At this point, if the AISIM help data base must be placed on an account separate from the account where the rest of the AISIM files are hosted in order to satisfy the access requirements, the following steps are necessary. The file [AISIM.DBFETC50]HELPSTRT.DBF must be copied to the appropriate account. Then the file [AISIM.CONTRL50]INITPROC.COM must be modified to access the account where the help data base is placed. The disk and account on the line

"GHELDIR ::= DISK17:[SKNEE2.AISIM.DBFETC50]"

are the information that must be modified.

## 9. POSSIBLE PROBLEMS AND KNOWN ERRORS

None.

END  
DATE  
FILMED  
MARCH  
1988  
DTIC